



Renew a Teaching License

by Professional Learning Board

ONLINE: Research-based Instructional Strategies

“It is encouraging to see so many effective strategies backed by research. I will use these in my classroom!”

– Jennifer M.

To help students improve in academic achievement, develop an attitude of learning and acquire the skills needed for the demands of the work place and real life situations, educators must continually review, reflect on and work to improve their instructional skills.

This course provides teachers with research-based approaches and strategies that can be incorporated into classrooms. These will improve the effectiveness of teacher led instruction and encourage active student involvement in learning. These strategies and approaches are shown to have numerous benefits resulting in increased student achievement and learning.



Through this course, teachers can also have a look at their own views about teaching and learning, gaining a research-based perspective on commonly believed myths in the educational field. Teachers are also provided with useful strategies in the areas of reading, writing and math. The course is rich in examples, templates and rubrics to help teachers understand and practically use the strategies in the classroom setting.

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, Teachers Know Content and Teachers Facilitate Learning.

Each online self-study course from Professional Learning Board includes:

- **Convenient access** anytime, anywhere, any device
- Interactive **online** textbook
- Implement **practical resources and tools** in your classroom
- Demonstrate comprehension with **quizzes** and checks for understanding
- Align with your **Professional Learning Plan**
- Print, email and save your **Certificates of Completion**



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Course Outline

LESSON 1: Introduction

- The importance of education and a review of statistics of educational achievement in America
- The benefits of incorporating research proven instructional strategies in the classroom
- Myths related to learning and teaching and the truth revealed through research

LESSON 2: Teacher-focused Approaches and Strategies

- Developing Reflective Practice
- Understanding the learning process
- A look at research-based strategies focused on what the teacher can do in the classroom to improve student learning and achievement.
- Classroom application of strategies and approaches such as Daily review, Teaching in small steps, The use of cues, questions and advanced organizers, etc

LESSON 3: Active Learning

- The importance of active student participation and engagement
- Understanding student engagement and active learning
- A look at research-based strategies focused on how the teacher can encourage students to be actively involved in the classroom with the aim of improving student engagement, learning and achievement
- Activities and projects that a teacher can involve the students in, based on the strategies such as cooperative learning strategies, building thinking skills, effective note taking, etc

LESSON 4: Research-Based Strategies for Literacy and Math

- Understanding the importance of literacy
- The elements required to develop good reading skills
- Research-based strategies on improving students' reading skills and classroom applications of the same
- The importance of developing one's writing skills
- Research-based strategies on improving students' writing skills and classroom applications of the same
- The importance of math in real life situations and the need for developing one's math skills